# USB 2.0
# Data Link Cable

# UL-201

# User's Manual

**Version 1.0**

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## FCC Caution

To assure continued compliance. (example-use only shielded interface cables when connecting to computer or peripheral devices). Any changes or modifications not expressly approved by the party responsible for compliance could void the user’s authority to operate the equipment.

This device complies with Part 15 of the FCC Rules. Operation is subject to the Following two conditions: ( 1 ) This device may not cause harmful interference, and ( 2 ) this Device must accept any interference received, including interference that may cause undesired operation.

## CE Mark Warning

This is a Class B product. In a domestic environment, this product may cause radio interference in which case the user may be required to take adequate measures.

## Revision

User’s Manual for PLANET USB 2.0 Data Link Cable

Model: UL-201

Rev: 1.0 (May, 2003)

Part No. EM-UL201v1

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# Chapter 1 Introduction

PLANET UL-201 is a Hi-Speed USB 2.0 solution to peer-to-peer network file sharing via the USB port. The UL-201 provides true Plug&Play capability while transferring files at greater speed than traditional USB or other legacy port file transfer products. USB 2.0 solutions offer up to 40 times the speed compared to normal full-speed USB 1.1 products.

UL-201 also provides a File Transfer Utility that is similar to Windows Program Manager so you can easily drag-and-drop files or creates folders in your local computer or in the linked remote PC. Just plug in the cable, run the UL-201 utility and instantly transfer or copy files at high speed.

The UL-201 USB 2.0 Data Link Cable is highly suitable for mobile computer use and SOHO environment.

## 1.1 Features

- ü Compatible with USB specification version 2.0 and 1.1
- ü USB host-to-host communication
- ü Plug & Play and Hot Swap
- ü Single cable solution for data communication
- ü No external power required
- ü Low power consumption and power management function
- ü Windows Program Manager like interface
- ü Support Win98/Me/2000/XP/Server 2003

## 1.2 Package Content

Check that your package contains the following items:

- ü UL-201 * 1
- ü Drivers and User's Manual CD * 1

Contact the place of purchase if an item is missing or damaged.

**Note:** Be sure to retain your proof of purchase, as it is required to receive warranty service.

## 1.3 Verifying Your System Requirements

Before installing the UL-201, be sure your computer meets the following requirements:

**Hardware**

- ü CPU: 133MHz or Faster
- ü RAM: 32MB (Minimum)
- ü One free USB type A port (Female)

**Software**

- Microsoft Windows 98
- Microsoft Windows Me
- Microsoft Windows 2000
- Microsoft Windows XP
- Microsoft Windows Server 2003

# Chapter 2 Installation

## 2.1 Software Installation

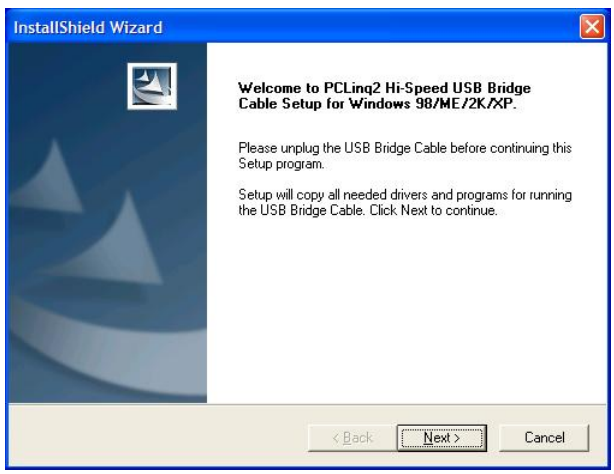
Before you plug-in and use the UL-201 for the first time in your computer, you should run the SETUP InstallShield program to preload the driver and utility into your computer. This step is necessary in order for you to use the USB 2.0 Data Link Cable properly under Windows operating system.

**Note**: The following steps will show how to install the UL-201 under Windows XP. If you are using other Windows system, the installation is also the same but the look of the dialogue boxes may be a little bit different. This Setup program only supports Windows 98, Me, 2000, XP and Server 2003.

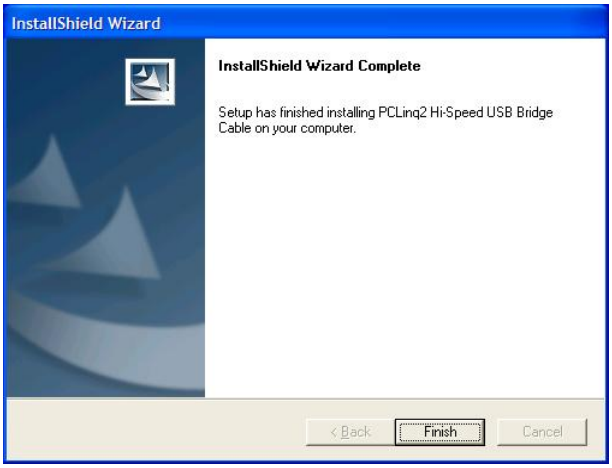
1. Power on your computer.
2. Insert UL-201 Drivers and User's Manual CD to your CD-ROM Drive, then find out the **SETUP.EXE** in the CD (Assume "E" is your CD-ROM drive, the driver can be found in E:\Driver\UL-201) and run this file to install driver and utility. The Setup program will then start to prepare the InstallShield Wizard that will guide you through the rest of the setup process.

InstallShield Wizard
PCLinq2 Hi-Speed USB Bridge Cable Setup is preparing the InstallShieldR Wizard, which will guide you through the rest of the setup process. Please wait.
Cancel

3. The InstallShield Wizard welcome dialog box will then appear to display some information regarding the setup program. Follow the instructions and click "Next" to continue.


InstallShield Wizard
Welcome to PCLinq2 Hi-Speed USB Bridge Cable Setup for Windows 98/ME/2K/XP.
Please unplug the USB Bridge Cable before continuing this Setup program.
Setup will copy all needed drivers and programs for running the USB Bridge Cable. Click Next to continue.
< Back
Next >
Cancel

4. When installation prompts you that installation is complete, please click “Finish”.

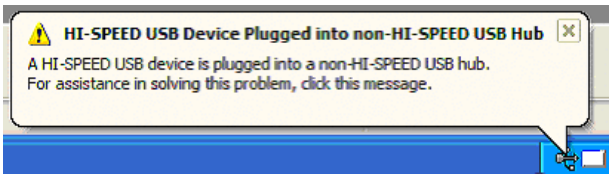



## 2.2 Hardware Installation

1. After software installation is complete, the driver will also install to your PC.

2. Locate the USB port of your computer and plug in the UL-201. The USB port usually has the imprinted symbol.

   **Note:** If you plug the cable to a USB 1.1 port, Windows will show an alert message telling you that it is plugged into a non-Hi-Speed USB hub. You can still continue to use the UL-201, but it will run at a reduced speed. Windows will recommend you to add a Hi-Speed USB 2.0 host controller to your computer to obtain maximum performance.


HI-SPEED USB Device Plugged into non-HI-SPEED USB Hub
A HI-SPEED USB device is plugged into a non-HI-SPEED USB hub.
For assistance in solving this problem, click this message.

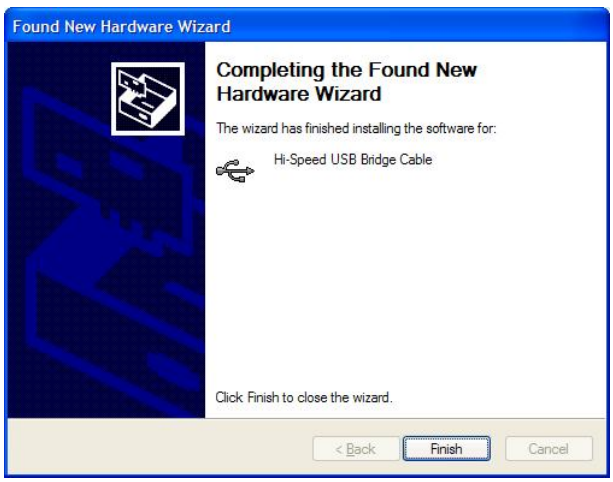
3. Wait till Windows detects the UL-201 and prompts you for the device driver location. If prompted, select to “Install the software automatically (Recommended)” and click “Next” to continue.

Found New Hardware Wizard
Welcome to the Found New Hardware Wizard
This wizard helps you install software for:
Hi-Speed USB Bridge Cable
If your hardware came with an installation CD or floppy disk, insert it now.
What do you want the wizard to do?
Install the software automatically (Recommended)
Install from a list or specific location (Advanced)
Click Next to continue.
< Back
Next >
Cancel

4. Windows will then detect the preloaded driver. Before Windows installs the driver, it may prompt you that this device driver (Hi-Speed USB Bridge Cable) has not yet passed Windows XP Logo testing. Please click “Continue Anyway” to continue.

Hardware Installation
The software you are installing for this hardware:
Hi-Speed USB Bridge Cable
has not passed Windows Logo testing to verify its compatibility with Windows XP. (Tell me why this testing is important.)
Continuing your installation of this software may impair or destabilize the correct operation of your system either immediately or in the future. Microsoft strongly recommends that you stop this installation now and contact the hardware vendor for software that has passed Windows Logo testing.
Continue Anyway
STOP Installation

5. Windows will then start to install the driver for UL-201. Once installation is complete, Windows will prompt you that it has finished. Click “Finish” to complete the driver installation.

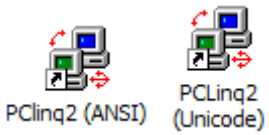

Found New Hardware Wizard
Completing the Found New Hardware Wizard
The wizard has finished installing the software for:
Hi-Speed USB Bridge Cable
Click Finish to close the wizard.
< Back
Finish
Cancel

6. You can also verify the driver installation under Device Manager. Right-click on “My Computer” => click “Hardware-Device Manager” => click “Universal Serial Bus controllers” and check if there is the Hi-Speed USB Bridge Cable.

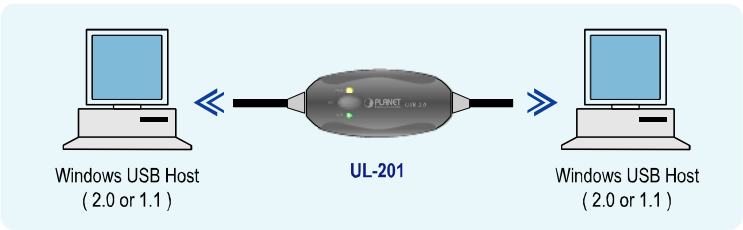
Device Manager
File
Action
View
Help
Keyboards
Mice and other pointing devices
Monitors
Network adapters
Ports (COM & LPT)
Processors
Sound, video and game controllers
System devices
Universal Serial Bus controllers
General Purpose USB Hub
Hi-Speed USB Bridge Cable
USB Root Hub
USB Root Hub
VIA Rev 5 or later USB Universal Host Controller
VIA Rev 5 or later USB Universal Host Controller

# Chapter 3 Utility Operating

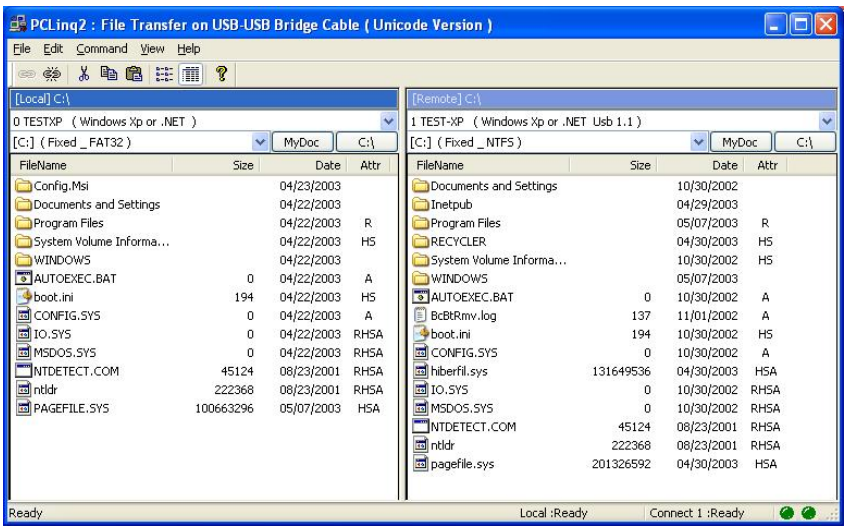
After installation is complete, you can find there are two shortcuts created on the desktop screen. For Windows 2000/XP/Server 2003, there are two programs provided: ANSI mode and Unicode mode. For Windows 98 and Me, only the ANSI mode is provided. The Unicode mode has support Multi-Language function. In default, it is set to English. The software will support more and more langrage in the future. Please check to our web site for the new language package.




The UL-201 allows you to easily link two computers by plugging each end of the cable into the USB port of both computers. Before you can start using the utility - PCLinq2, you need first to run Setup program on both computers and install the bridge cable as mentioned in the previous section.



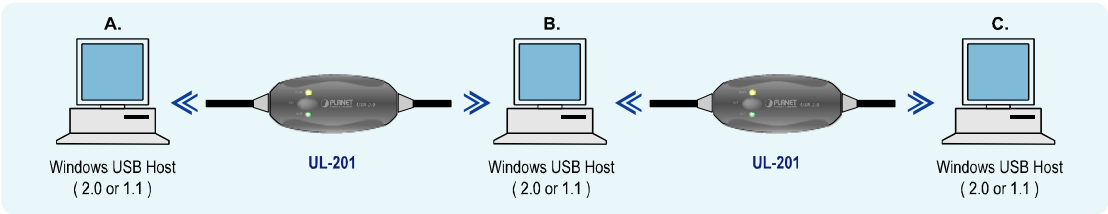

PCLinq2 is the application program used to control the file sharing and data transfer of the linked computers (also known as the local PC and the remote PC). After you have successfully completed the Setup program and installed the PCLinq2 bridge cable, you simply double-click on the PCLinq2 shortcut found on your desktop screen. The PCLinq2 File Transfer program will appear as follows:



With PCLinq2, you can control both the local and remote PCs and do the following:

1. Display files/folders
2. Open files/folders
3. Create files/folders
4. Delete files/folders
5. Copy files/folders
6. Move files/folders
7. Change file/folder names

Multiple Cable Select – if there are three computers linked together using two UL-201 (see Figure below). PCLinq2 can allow you to control two computers (A-to-B or B-to-C) at a time. It will ask you to connect to PC A or PC C when PC B PCLinq2 is starting and detect there is Multiple cable mode.



# Chapter 4 Specification

| | |
|---|---|
| Product | USB 2.0 Data Link Cable |
| Model | UL-201 |
| Attach Interface | Two USB Type A downstream port (Male) |
| Power Mode | Bus-Power |
| Dimension | 82 mm x 31mm x 20mm (L x W x H)<br>Total Length: 226 cm (Including USB cable) |
| System Requirement | Software: Windows 98/Me/2000/XP/Server 2003<br>Hardware: PC with one free USB Type A port (Female) |
| Operating Environment | Temperature: 0-55 degree C<br>Humidity: 10-90%, non-condensing |
| Emission | FCC, CE |